

WorkKeys/MEAP/CTE – Michigan Academic Standards Crosswalk

This project was a collaborative effort between the Michigan Department of Career Development, Office of Career and Technical Preparation, and identified state level experts, professional organizations, and content area teachers in response to requests from administrators and educators. Each crosswalk was developed to the Standards level of the Michigan Curriculum Frameworks. For further development, local district CTE programs will need to do benchmark level linkage with their local curriculum.

As we move forward in the educational process to prepare students for their future, we must recognize our responsibility to provide high quality technical and academic education to best prepare these students for their future goals.

Overview:

- This is a tool to assist Local Educational Agencies to develop crosswalks at the benchmark level for specific programs.
- CTE curriculum Standards /unit goals were the basis of the crosswalk
- Local district programs need to do benchmark level linkage with their local curriculum.
- Curriculum Standards support the curriculum, with a broad-based focus.
- WorkKeys crosswalks used national occupational job profile information as the basis of determining performance level expectations.
- For new program application submission starting 2003-2004, crosswalk at the benchmark level will be required.

Benefits

- Provides linkages to National Occupational Standards for improvement in program delivery
- Will assist “highly qualified” instructional staff in documenting accountability and supporting new national initiatives
- Demonstrate CTE support of the Michigan Curriculum Frameworks and MEAP objectives
- To enable districts with CTE programs to strengthen communication with curriculum directors, superintendents and building administrators.
- Curriculum crosswalk will encourage communications between Career and Technical and academic educators
- Assist locals in establishing support for academic credit granted for Career and Technical Education programs

Plan Dissemination

- On MDCTD/OCTP Web site
 - Posted by pathway
 - Link to Agriscience Web site
- State update meetings
- Presentation to Teacher groups
- Presentations to Administrator groups
- Distribution to Teacher Educators
- Feature item in Newsletters, updates to field
- MDE
- Available to Education Institutions

Health Science Pathway
Applicable CIP Code-51.9999
CONTENT STANDARDS CROSSWALK

Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>1.1 Human Structure and function</p> <p>1.11 Describe homeostasis processes as related to basic structures and functions of all body systems.</p> <p>1.12 Compare cell, tissue, organ and body systems relationships.</p> <p>1.3 Explain body planes, directional terms, quadrants, and cavities.</p> <p>1.4 Describe and analyze the basic structures and function of body systems.</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 2: Reflecting on Scientific Knowledge</u></p> <p><i>2.1 All students will analyze claims for their scientific merit and explain how scientists decide what constitutes scientific knowledge; how science is related to other ways of knowing; how science and technology affect our society; and how people of diverse cultures have contributed to and influenced developments in science.</i></p> <p><u>Strand 3: Using scientific knowledge in Life Science.</u></p> <p><i>3.1 All students will apply an understanding of cells to the functioning of multi-cellular organism; and explain how cells, grow, develop, and reproduce.</i></p> <p>.</p> <p><i>3.3 All students will investigate the explain how characteristics of living things are passed on thorough generations; explain why organisms within a species are different from one another; and explain how new traits can be established by changing or manipulating genes.</i></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>1.2 Students describe the relationships among variables, predict what will happen to one variable as another variable is changed, analyze natural variation and sources of variability to compare patterns of change.</i></p> <p><i>2.1 Students develop spatial sense, use shape as an analytical and descriptive tool, identify characters and define shapes, identify properties and describe relationships among shapes.</i></p> <p><i>2.3 Students compare attributes of two objects or of one object with a standard (unit) and analyze situations to determine what measurement(s) should be made and to what level of precision.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p> <p>.</p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p>	<p>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</p> <p>2.1 Diversity of people, places, cultures</p> <p>7. Student will act constructively to further the public good.</p>

	<p><i>3.4 All students will explain how scientists construct and scientifically test theories concerning the origin of life and evolution of species; compare ways that living organisms are adapted (suited) to survive and reproduce in their environments and analyze how species change through time.</i></p> <p><u>Strand 4: Using Scientific knowledge in Physical Science:</u></p> <p><i>4.3 All students will describe how things around us move and explain why things move as they do; demonstrate and explain how we control the motions of objects; and relate motion to energy and energy conversions.</i></p> <p><i>4.4 All students will describe sounds and sound waves; explain shadows, color, and other light phenomena; measure and describe vibrations and waves; and explain how waves and vibrations transfer energy.</i></p> <p><u>Strand 5: Using Scientific knowledge in Earth Science.</u></p> <p><i>5.2 All students will demonstrate where water is found on earth; describe the characteristics of water and how water moves; and analyze the interaction of human activities with the hydrosphere.</i></p> <p><i>5.4 All students will compare the contrast our planet and sun to other planets and star systems; describe and explain how objects in the solar system move; explain scientific theories as to the origin of the solar system; and explain how we learn about the universe.</i></p>			
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<p>1.2 Diseases and Disorders</p> <p>1.21 Compare diseases in respect to their causes, treatments and therapies.</p> <p>1.22 Analyze methods for the control of disease.</p> <p>1.23 Contrast immunities.</p> <p>1.24 Analyze changes in body systems as they relate to disease, disorder and wellness.</p> <p>1.25 Compare body systems in relation to the aging process.</p>	<p>Strand 1: <u>Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p>Strand 3: <u>Using scientific knowledge in Life Science.</u></p> <p><i>3.1 All students will apply an understanding of cells to the functioning of multi-cellular organism; and explain how cells, grow, develop, and reproduce.</i></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>1.2 Students describe the relationships among variables, predict what will happen to one variable as another variable is changed, analyze natural variation and sources of variability to compare patterns of change.</i></p> <p><i>2.3 Students compare attributes of two objects or of one object with a standard (unit) and analyze situations to determine what measurement(s) should be made and to what level of precision.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p>	<p><i>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</i></p> <p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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<p>2.1 Oral Communication Skills</p> <p>2.11 Adjust communication to other's ability to understand.</p> <p>2.12 Using the senda-receiver model, apply basic communication techniques.</p> <p>2.13 Apply active listening skills.</p> <p>2.14 Demonstrate courtesy to others, including self introduction.</p> <p>2.15 Interpret verbal and non-verbal behaviors to enhance communication and staying within scope of practice.</p> <p>2.16 Demonstrate interviewing skills.</p>			<p>1. All students will demonstrate the ability to read and comprehend general and technical materials.</p> <p>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</p> <p>4. All students will use the English language effectively.</p> <p>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</p> <p>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</p> <p>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</p>	<p>2.1 Diversity of people, places, culture.</p> <p>5. Students will use methods of social science to answer questions about society.</p> <p>5.1 Information processing.</p> <p>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</p> <p>6.1 Identifying and analyzing issues.</p> <p>7. Student will act constructively to further the public good.</p>

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<p>2.2 Written Communication/Reporting</p> <p>2.21 Report relevant information in order of occurrences.</p> <p>2.22 Report subjective and objective information.</p> <p>2.23 Analyze communications for appropriate response and provide feedback.</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><i>3.3 All students will investigate the explain how characteristics of living things are passed on thorough generations; explain why organisms within a species are different from one another; and explain how new traits can be established by changing or manipulating genes.</i></p> <p><i>3.4 All students will explain how scientists construct and scientifically test theories concerning the origin of life and evolution of species; compare ways that living organisms are adapted (suited) to survive and reproduce in their environments and analyze how species change through time.</i></p>	<p><i>4.2 Student recognize that numbers are used in different ways such as counting, measuring, ordering, and estimating, understand and produce multiple representations of a number, and translate among equivalent representations.</i></p> <p>5.1 Students understand and use various types of operations (e.g. addition, subtraction, multiplication, division) to solve problems.</p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p>5. All students will read and analyze a wide variety of classic and contemporary literature and other texts to seek information, ideas, enjoyment, and understanding of their individuality, our common heritage and common humanity, and the rich diversity of our society.</p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>8. All students will explore and use the characteristics of different types of texts, aesthetic elements, and mechanics—including text structure, figurative and descriptive language, spelling, punctuation, and grammar—to construct and convey meaning.</i></p> <p><i>9. All students will demonstrate</i></p>	<p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

			<p><i>understanding of the complexity of enduring issues recurring problems by making connections and general themes within and across texts.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p> <p><i>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and other' oral, written, and visual texts.</i></p>	
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<p>2.3 Medical Terminology</p> <p>2.31 Identify and apply common medical abbreviations, word roots, prefixes and suffixes.</p> <p>2.32 Utilize medical dictionary to define medical terms.</p>			<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage an audience.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p>	

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<p>2.4 Technical Communication</p> <p>2.41 Compile and organize technical information and write summaries.</p> <p>2.42 Interpret, transcribe, and communicate information, data and observations using medical terminology within scope of practice.</p> <p>2.43 Organize records and files to maintain data.</p> <p>2.44 Use information technology (fax, email, Internet) to access and distribute data.</p>			<p>1. All students will demonstrate the ability to read and comprehend general and technical materials.</p> <p>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</p> <p>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</p> <p>4. All students will use the English language effectively.</p> <p>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</p> <p>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</p> <p>8. All students will explore and use the characteristics of different types of texts, aesthetic elements, and mechanics—including text structure, figurative and descriptive language, spelling, punctuation, and grammar—to construct and convey meaning.</p> <p>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</p>	<p>5. Students will use methods of social science to answer questions about society.</p> <p>5.1 Information Processing</p> <p>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</p> <p>6.1 Identifying and analyzing Issues.</p>

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<p>3.1 Systems Theory</p> <p>3.11 Explain systems theory and its components.</p> <p>3.12 Construct a general systems model using the feedback loop including inputs and thoughtputs.</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 2: Reflecting on Scientific Knowledge</u></p> <p><i>2.1 All students will analyze claims for their scientific merit and explain how scientists decide what constitutes scientific knowledge; how science is related to other ways of knowing; how science and technology affect our society; and how people of diverse cultures have contributed to and influenced developments in science.</i></p> <p><u>Strand 3: Using scientific knowledge in Life Science.</u></p> <p><u>Strand 4: Using Scientific knowledge in Physical Science:</u></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>1.2 Students describe the relationships among variables, predict what will happen to one variable as another variable is changed, analyze natural variation and sources of variability to compare patterns of change.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>4. All students will use the English language effectively.</i></p>	<p><i>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</i></p> <p><i>3. Students will use knowledge of American government and politics to make informed decisions about government and their communities.</i></p> <p><i>4. Students will use knowledge of the production, distribution and consumption of goods and services to make personal and societal decisions about the use of scarce resources.</i></p>

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<p>3.2 Health Care Delivery System</p> <p>3.21 Construct a health care delivery model.</p> <p>3.22 Predict where and how factors such as cost, managed care, technology, an aging population, access to care, alternative therapies, and lifestyle/behavior changes may affect various system models.</p> <p>3.23 Project the outcome as a component of the system is modified.</p> <p>3.24 Calculate the cost effectiveness of two separate health care delivery systems using the same client procedures.</p>		<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>1.2 Students describe the relationships among variables, predict what will happen to one variable as another variable is changed, analyze natural variation and sources of variability to compare patterns of change.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p> <p><i>3.2 Students will examine data and describe characteristics of a distribution, relate data to the situation from which they arose, and use data to answer questions convincingly and persuasively.</i></p> <p><i>3.3 Students draw defensible inferences about unknown outcomes, make predictions, and identify the degree of confidence they have in their predictions.</i></p> <p><i>5.1 Students understand and use various types of operations (e.g. addition, subtraction, multiplication, division) to solve problems.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p>	<p><i>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</i></p> <p><i>3. Students will use knowledge of American government and politics to make informed decisions about government and their communities.</i></p> <p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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<p>3.3 Health Care Delivery System Results</p> <p>3.31 Diagram the interdependence of health care professions pertaining to the delivery of quality health care.</p> <p>3.32 Design a system analysis process that evaluates client satisfaction, productivity, cost effectiveness, and efficiency.</p> <p>3.33 Evaluate and report the impact of advanced technology on a health care delivery system.</p>		<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>1.2 Students describe the relationships among variables, predict what will happen to one variable as another variable is changed, analyze natural variation and sources of variability to compare patterns of change.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p>	

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<p>4.1 Key employability skills</p> <p>4.11 Adapt to the dynamics of change</p> <p>4.12 Adapt personal appearance and hygiene habits appropriate to the health care environment and industry expectations</p> <p>4.13 Practice personal integrity and honesty</p> <p>4.14 Evaluate work assignments and initiate action with confidence commensurate with work assignment</p> <p>4.15 Formulate solutions to problems using critical thinking skills independently and in teams</p> <p>4.16 Interact appropriately and respectfully with diverse ethnic, age, cultural, religious, economic groups in various employment and social situations</p> <p>4.17 Exhibit respectful and empathetic behavior when interacting with peers, superiors, subordinates, and customers in one on one and group situations</p> <p>4.18 Follow attendance policies of the employer or educational institution</p> <p>4.19 Accept responsibility for own actions</p> <p>4.20 Prepare for and complete an interview</p> <p>4.21 Accurately complete records/documents to support job</p>			<p>1. All students will demonstrate the ability to read and comprehend general and technical materials.</p> <p>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</p> <p>4. All students will use the English language effectively.</p> <p>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</p> <p>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</p> <p>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and other' oral, written, and visual texts.</p>	<p>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</p> <p>2.1 Diversity of people, places, culture</p> <p>7. Student will act constructively to further the public good.</p>

<p>applications</p> <p>4.22 Use a portfolio to demonstrate interest and competence</p> <p>4.23 Research availability of educational programs, financial requirements, and resources and complete an application process as appropriate for career goals</p> <p>4.24 Identify the need for lifelong learning in a rapidly changing job market</p>				
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<p>4.2 Interpersonal communication.</p> <p>4.21 Communicate in an understandable manner.</p> <p>4.22 Listen attentively to verbal instruction.</p> <p>4.23 Provide written communication that is accurate and grammatically correct, using nomenclature appropriate for environment.</p> <p>4.24 Interpret technical materials used for health care practice and procedures.</p>			<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and other' oral, written, and visual texts.</i></p>	<p>7. Student will act constructively to further the public good.</p>

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<p>4.3 Personal growth and development</p> <p>4.31 Engage in continuous self-assessment and goals modification for personal and professional growth</p> <p>4.32 Manage time, prioritize responsibilities, and meet completion dates as specific by employer and client</p> <p>4.33 Show enthusiasm and commitment by meeting expectations and priorities of the organization</p> <p>4.34 Participation in project/activities for personal growth and development</p> <p>4.35 Estimate costs and prepare a detailed budget for school-based or work-based learning project</p> <p>4.36 Report the cost of various components of a budget and adjust budget items as needed</p> <p>4.37 Identify compensation practices; demonstrate effective financial management skills</p> <p>4.38 Identify, acquire, and use appropriate tools and processes to complete a task</p>		<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>2.3 Students compare attributes of two objects or of one object with a standard (unit) and analyze situations to determine what measurement(s) should be made and to what level of precision.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p> <p><i>3.2 Students will examine data and describe characteristics of a distribution, relate data to the situation from which they arose, and use data to answer questions convincingly and persuasively.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p>	<p><i>5. Students will use methods of social science to answer questions about society.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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<p>4.3 Personal growth and development</p> <p>4.31 Engage in continuous self-assessment and goals modification for personal and professional growth</p> <p>4.32 Manage time, prioritize responsibilities, and meet completion dates as specific by employer and client</p> <p>4.33 Show enthusiasm and commitment by meeting expectations and priorities of the organization</p> <p>4.34 Participation in project/activities for personal growth and development</p> <p>4.35 Estimate costs and prepare a detailed budget for school-based or work-based learning project</p> <p>4.36 Report the cost of various components of a budget and adjust budget items as needed</p> <p>4.37 Identify compensation practices; demonstrate effective financial management skills</p> <p>4.38 Identify, acquire, and use appropriate tools and processes to complete a task</p>		<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>2.3 Students compare attributes of two objects or of one object with a standard (unit) and analyze situations to determine what measurement(s) should be made and to what level of precision.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p> <p><i>3.2 Students will examine data and describe characteristics of a distribution, relate data to the situation from which they arose, and use data to answer questions convincingly and persuasively.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p>	<p><i>5. Students will use methods of social science to answer questions about society.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>5.1 Legal Implications</p> <p>5.11 Analyze legal responsibilities, limitations, and implications of actions</p> <p>5.12 Use problem-solving techniques when confronted with legal dilemmas or issues</p> <p>5.13 Compare and contrast behaviors and practices that could result in malpractice, liability, or negligence</p> <p>5.14 Comply with policies and requirements for documentations and record-keeping</p> <p>5.15 Comply with established risk management criteria and procedures</p> <p>5.16 Determine when an incident is reportable</p> <p>5.17 Comply with non-discriminatory laws</p> <p>5.18 Comply with institutional policy and procedures</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p>		<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p>	<p><i>3. Students will use knowledge of American government and politics to make informed decisions about government and their communities.</i></p> <p><i>5. Students will use methods of social science to answer questions about society.</i></p> <p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
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5.2 Legal practices 5.21 Perform duties according to regulations 5.22 Maintain clients' rights according to the patients' Bill of Rights 5.23 Maintain confidentiality 5.24 Practice within licensure, certification, registration, and legislated scope of practice 5.25 Apply the doctrine of informed consent 5.26 Evaluate technological threats to confidentiality 5.27 Follow mandated standards for workplace safety, i.e., OSHA, CDC, CLIA 5.28 Apply mandated standards for harassment, labor, and employment laws	<u>Strand 1: Constructing New Scientific Knowledge</u> <i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i>		<i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i> <i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i> <i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i> <i>4. All students will use the English language effectively.</i> <i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i>	<i>3. Students will use knowledge of American government and politics to make informed decisions about government and their communities.</i> 6. Student will analyze public issues and construct and express thoughtful positions of these issues. <i>7. Student will act constructively to further the public good.</i>

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Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
5.2 Legal practices 5.21 Perform duties according to regulations 5.22 Maintain clients’ rights according to the patients’ Bill of Rights 5.23 Maintain confidentiality 5.24 Practice within licensure, certification, registration, and legislated scope of practice 5.25 Apply the doctrine of informed consent 5.26 Evaluate technological threats to confidentiality 5.27 Follow mandated standards for workplace safety, i.e., OSHA, CDC, CLIA 5.28 Apply mandated standards for harassment, labor, and employment laws	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p>		<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p>	<p><i>3. Students will use knowledge of American government and politics to make informed decisions about government and their communities.</i></p> <p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
6.2 Ethical practice 6.21 Demonstrate professionalism 6.22 Respect roles of team members 6.23 Report activities that adversely affect others 6.24 Demonstrate fairness and equal treatment of all 6.25 Practice responsibility in pts. Bill of Rights 6.26 Value clients independence and determination 6.27 Demonstrate positive personal qualities as a group leader	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 2: Reflecting on Scientific Knowledge</u></p> <p><i>2.1 All students will analyze claims for their scientific merit and explain how scientists decide what constitutes scientific knowledge; how science is related to other ways of knowing; how science and technology affect our society; and how people of diverse cultures have contributed to and influenced developments in science.</i></p>		<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and other' oral, written, and visual texts.</i></p>	<p>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</p> <p><i>2.1 Diversity of people, places and cultures</i></p> <p><i>5. Students will use methods of social science to answer questions about society.</i></p> <p>7. Student will act constructively to further the public good.</p>

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Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>6.3 Cultural, social, and ethnic diversity</p> <p>6.31 Discuss the impact of religions and cultures on those giving health care</p> <p>6.32 Demonstrate respect of individual culture, social, and ethnic diversity within the health care environment</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 2: Reflecting on Scientific Knowledge</u></p> <p><i>2.1 All students will analyze claims for their scientific merit and explain how scientists decide what constitutes scientific knowledge; how science is related to other ways of knowing; how science and technology affect our society; and how people of diverse cultures have contributed to and influenced developments in science.</i></p>		<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>7. All students will demonstrate, analyze, and reflect upon the skill and process used to communicate through listening, speaking, viewing, reading, and writing.</i></p> <p><i>9. All students will demonstrate understanding of the complexity of enduring issues recurring problems by making connections and general themes within and across texts.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p> <p><i>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and others ' oral, written, and visual texts.</i></p>	<p><i>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</i></p> <p><i>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</i></p> <p><i>2.1 Diversity of people places and culture.</i></p> <p><i>2.2 Human/Environment Interaction</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
7.1 Infected control 7.11 Use standard precautions as describe in the rules and regulations set forth by OSHA 7.12 Practice infection control procedures 7.13 Practice appropriate cleaning, disinfecting, and sterilizing processes 7.14 Contrast medical and surgical asepsis	<u>Strand 1: Constructing New Scientific Knowledge</u> <i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i>		<i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i> <i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i>	7. Student will act constructively to further the public good.

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>7.2 Personal safety</p> <p>7.21 Apply safety procedures to protect clients, co-workers, and self</p> <p>7.22 Manage a personal exposure incident in compliance with OSHA regulations</p> <p>7.23 Apply principals of body mechanics and ergonomics</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 4: Using Scientific knowledge in Physical Science:</u></p> <p><i>4.3 All students will describe how things around us move and explain why things move as they do; demonstrate and explain how we control the motions of objects; and relate motion to energy and energy conversions.</i></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>2.2 Students identify location of objects, identify location relative to other objects, and describe the effects of transformations (e.g. sliding, flipping, turning, enlarging, reducing) on an object.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p>	<p><i>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</i></p> <p><i>2.1 Diversity of people, places, and cultures</i></p> <p><i>2.2 Human/Environment Interaction</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
7.3 Environmental safety 7.31 Modify the environment to ensure safety of the worker and client 7.32 Follow proper reporting procedures for incidents 7.33 Demonstrate methods of fire prevention in the health care setting 7.34 Prevent accidents by using proper safety techniques, including transferring and ambulating 7.35 Practice good house keeping by maintaining a safe working environment 7.36 Maintain inventory and storage of supplies	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 4: Using Scientific knowledge in Physical Science:</u></p> <p><i>4.3 All students will describe how things around us move and explain why things move as they do; demonstrate and explain how we control the motions of objects; and relate motion to energy and energy conversions.</i></p>	<p><i>2.2 Students identify location of objects, identify location relative to other objects, and describe the effects of transformations (e.g. sliding, flipping, turning, enlarging, reducing) on an object.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p>	<p>7. Student will act constructively to further the public good.</p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
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7.4 Common safety hazard 7.41 Use material safety data sheets 7.42 Adhere to labeling requirements 7.43 Take appropriate action when observing a hazardous material problem 7.44 Apply safety principals within given environments 7.45 Handle hazardous chemicals commonly used in the health care environment in an appropriate manner	<u>Strand 1: Constructing New Scientific Knowledge</u> <i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i>		<i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i> <i>4. All students will use the English language effectively.</i>	<i>7. Student will act constructively to further the public good.</i>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
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<p>7.5 Emergency procedure and protocols</p> <p>7.51 Interpret the evaluation plan for the health care setting</p> <p>7.52 Construct an emergency plan for a health care setting in response to a natural disaster or other emergency</p> <p>7.53 Complete requirement for CPR</p> <p>7.54 Complete requirement for First Aid certification</p> <p>7.55 Follow the facility procedure when a fire is discovered</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p>	<p><i>2. Students will use knowledge of spatial patterns on earth to understand processes that shape human environments and to make decisions about society.</i></p> <p><i>2.2 Human/Environment Interaction.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>8.1 Health care teams</p> <p>8.11 Apply the team concept in providing quality patient care</p> <p>8.12 Analyze roles of various team participants</p> <p>8.13 Respond to given critical situations appropriately as a member of a team</p> <p>8.14 Accept compromise as necessary to ensure a best outcome</p>			<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p>	<p><i>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</i></p> <p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>8.2 Team member participation</p> <p>8.21 Communicate verbally and non-verbally with team colleagues to assure a best results for the client</p> <p>8.22 Collaborate with others to formulate team objectives</p> <p>8.23 Act responsibly as a team member, completing assigned tasks in a timely and effective manner</p> <p>8.24 Actively listen to other team members</p> <p>8.25 Exercise leadership skills as appropriate</p> <p>8.26 Respect and value the expertise and contributions of all team members</p> <p>8.27 Work collaboratively with persons from diverse backgrounds to accomplish a common goal</p> <p>8.28 Apply corrective action to an acknowledge conflict situation</p> <p>8.29 Exhibit a strong sense of team identity and commitment to purpose</p>			<p>1. All students will demonstrate the ability to read and comprehend general and technical materials.</p> <p>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</p> <p>4. All students will use the English language effectively.</p> <p>6. All students will learn to communicate information accurately and effectively and demonstrate their expressive abilities by creating oral, written, and visual texts and enlighten and engage and audience.</p> <p>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</p> <p>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</p>	<p>1. Students use knowledge of the past to construct meaningful understanding of our diverse cultural heritage and to inform their civic judgments.</p> <p>5. Students will use methods of social science to answer questions about society.</p> <p>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</p> <p>7. Student will act constructively to further the public good.</p> <p>7.1 Responsible personal conduct (service learning)</p>

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
<p>9.1 Healthy behaviors</p> <p>9.11 Apply behaviors that promote health and wellness</p> <p>9.12 Advocate available preventive health screening and examinations</p> <p>9.13 Use practices that promote the prevention of disease and injury</p> <p>9.14 Demonstrate comfort measures, through appropriate positioning</p> <p>9.15 Demonstrate environmental comfort measures</p> <p>9.16 Use appropriate safety practices as related to high-risk behaviors</p> <p>9.17 Evaluate the validity of alternate health practices</p>	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p> <p><u>Strand 2: Reflecting on Scientific Knowledge</u></p> <p><i>2.1 All students will analyze claims for their scientific merit and explain how scientists decide what constitutes scientific knowledge; how science is related to other ways of knowing; how science and technology affect our society; and how people of diverse cultures have contributed to and influenced developments in science.</i></p> <p><u>Strand 4: Using Scientific knowledge in Physical Science:</u></p> <p><i>4.3 All students will describe how things around us move and explain why things move as they do; demonstrate and explain how we control the motions of objects; and relate motion to energy and energy conversions.</i></p>	<p><i>2.2 Students identify location of objects, identify location relative to other objects, and describe the effects of transformations (e.g. sliding, flipping, turning, enlarging, reducing) on an object.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>3. All students will focus on meaning and communication as they listen, speak, view, read and write in personal, social, occupational and Civic contexts.</i></p> <p><i>10. All students will apply knowledge, ideas, and issues drawn from text to their lives and the lives of others.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p> <p><i>12. All students will develop and apply personal, shared, and academic criteria for the employment, appreciation, and evaluation of their own and other' oral, written, and visual texts.</i></p>	<p><i>6. Student will analyze public issues and construct and express thoughtful positions of these issues.</i></p> <p><i>7. Student will act constructively to further the public good.</i></p>

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Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
9.2 Nutritional practices 9.21 Define the role of nutrition to promote and maintain health and wellness 9.22 apply current nutritional recommendations to maintain health and wellness 9.23 Identify sources and functions of nutrients	Strand 3: <u>Using scientific knowledge in Life Science.</u> <i>3.1 All students will apply an understanding of cells to the functioning of multi-cellular organism; and explain how cells, grow, develop, and reproduce.</i>		<i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i> <i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i>	6. Student will analyze public issues and construct and express thoughtful positions of these issues.

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Michigan Curriculum Frameworks (As Assessed by the Michigan Educational Assessment Program –MEAP)				
Program Area Standards Identification Here	Science Strands	Mathematics Content Standards	English Language Arts Standards	Social Studies Strands
9.3 Health assessment 9.31 Measure and record vital signs; identify normal range 9.32 Measure and record height normal range 9.33 Calculate and/or convert various health measurements	<p><u>Strand 1: Constructing New Scientific Knowledge</u></p> <p><i>1.1 All students will ask questions that help them learn about the world; design and conduct investigations using appropriate methodology and technology, learn from books and other sources of information; communicate their findings using appropriate technology and reconstruct previously learned knowledge.</i></p>	<p><i>1.1 Students recognize similarities and generalize patterns, use patterns to create models and make predictions, describe the nature of patterns and relationships and construct representations of mathematical relationships.</i></p> <p><i>2.1 Students develop spatial sense, use shape as an analytical and descriptive tool, identify characters and define shapes, identify properties and describe relationships among shapes.</i></p> <p><i>2.3 Students compare attributes of two objects or of one object with a standard (unit) and analyze situations to determine what measurement(s) should be made and to what level of precision.</i></p> <p><i>3.1 Students will collect and explore data, organize data into a useful form, and develop skill in representing and reading data displayed in different forms.</i></p> <p><i>3.2 Students will examine data and describe characteristics of a distribution, relate data to the situation from which they arose, and use data to answer questions convincingly and persuasively.</i></p> <p><i>4.1 Students experience counting and measuring activities to develop intuitive sense about numbers, develop understanding about properties of numbers, understand the need for and existence of different sets of numbers, and investigate properties of special numbers.</i></p> <p><i>4.2 Student recognize that numbers are used in different ways such as counting, measuring, ordering, and estimating, understand and produce multiple representations of a number, and translate among equivalent representations.</i></p>	<p><i>1. All students will demonstrate the ability to read and comprehend general and technical materials.</i></p> <p><i>2. All students will demonstrate the ability to write clear and grammatically correct sentences, paragraphs, and compositions.</i></p> <p><i>4. All students will use the English language effectively.</i></p> <p><i>11. All students will define and investigate important issues and problems using a variety of resources, including technology to explore and create texts</i></p>	

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>1.1 Human Structure and function</p> <p>1.11 Describe homeostasis processes as related to basic structures and functions of all body systems.</p> <p>1.12 Compare cell, tissue, organ and body systems relationships.</p> <p>1.3 Explain body planes, directional terms, quadrants, and cavities.</p> <p>1.4 Describe and analyze the basic structures and function of body systems.</p>		<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>5. Apply ethical and legal standards in planning, using, and evaluating technology.</p>

Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>1.2 Diseases and Disorders</p> <p>1.21 Compare diseases in respect to their causes, treatments and therapies.</p> <p>1.22 Analyze methods for the control of disease.</p> <p>1.23 Contrast immunities.</p> <p>1.24 Analyze changes in body systems as they relate to disease, disorder and wellness.</p> <p>1.25 Compare body systems in relation to the aging process.</p>		<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p>

Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>2.1 Oral Communication Skills</p> <p>2.11 Adjust communication to other's ability to understand.</p> <p>2.12 Using the sender-receiver model, apply basic communication techniques.</p> <p>2.13 Apply active listening skills.</p> <p>2.14 Demonstrate courtesy to others, including self introduction.</p> <p>2.15 Interpret verbal and non-verbal behaviors to enhance communication and staying within scope of practice.</p> <p>2.16 Demonstrate interviewing skills.</p>	2.1 ALL	<p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p>	<p><i>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</i></p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p><i>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</i></p> <p><i>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</i></p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p><i>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</i></p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>2.2 Written Communication/Reporting</p> <p>2.21 Report relevant information in order of occurrences.</p> <p>2.22 Report subjective and objective information.</p> <p>2.23 Analyze communications for appropriate response and provide feedback.</p>		<p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Listening and Writing: Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>2.3 Medical Terminology</p> <p>2.31 Identify and apply common medical abbreviations, word roots, prefixes and suffixes.</p> <p>2.32 Utilize medical dictionary to define medical terms.</p>		<p>Listening and Writing: Listening</p> <p>1 2 3 4 5</p> <p>Locating Information</p> <p>3 4 5 6</p> <p>Observation</p> <p>3 4 5 6</p> <p>Reading for Information</p> <p>3 4 5 6 7</p> <p>Teamwork</p> <p>3 4 5 6</p> <p>Listening and Writing: Writing</p> <p>1 2 3 4 5</p>	<p><i>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</i></p> <p><i>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</i></p>	<p><i>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</i></p> <p><i>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</i></p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>2.4 Technical Communication</p> <p>2.41 Compile and organize technical information and write summaries.</p> <p>2.42 Interpret, transcribe, and communicate information, data and observations using medical terminology within scope of practice.</p> <p>2.43 Organize records and files to maintain data.</p> <p>2.44 Use information technology (fax, email, Internet) to access and distribute data.</p>	ALL	<p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>9. All students will learn to understand, monitor, and improve complex systems, including social, technical, and mechanical systems, and work with and maintain a variety of technologies.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environment.</p> <p>6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>3.1 Systems Theory</p> <p>3.11 Explain systems theory and its components.</p> <p>3.12 Construct a general systems model using the feedback loop including inputs and thought puts.</p>	ALL	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>9. All students will learn to understand, monitor, and improve complex systems, including social, technical, and mechanical systems, and work with and maintain a variety of technologies.</p>	<p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>3.2 Health Care Delivery System</p> <p>3.21 Construct a health care delivery model.</p> <p>3.22 Predict where and how factors such as cost, managed care, technology, an aging population, access to care, alternative therapies, and lifestyle/behavior changes may affect various system models.</p> <p>3.23 Project the outcome as a component of the system is modified.</p> <p>3.24 Calculate the cost effectiveness of two separate health care delivery systems using the same client procedures.</p>		<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>9. All students will learn to understand, monitor, and improve complex systems, including social, technical, and mechanical systems, and work with and maintain a variety of technologies.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p> <p>5. Apply ethical and legal standards in planning, using, and evaluating technology.</p> <p>6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>3.3 Health Care Delivery System Results</p> <p>3.31 Diagram the interdependence of health care professions pertaining to the delivery of quality health care.</p> <p>3.32 Design a system analysis process that evaluates client satisfaction, productivity, cost effectiveness, and efficiency.</p> <p>3.33 Evaluate and report the impact of advanced technology on a health care delivery system.</p>	All	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>9. All students will learn to understand, monitor, and improve complex systems, including social, technical, and mechanical systems, and work with and maintain a variety of technologies.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p> <p>6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>3.4 System Change</p> <p>3.41 Analyze the cause and effect on health care system change based on the influence of: technology, epidemiology, bio-ethics, socio-economic and various forms of complimentary medicine.</p>		<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>9. All students will learn to understand, monitor, and improve complex systems, including social, technical, and mechanical systems, and work with and maintain a variety of technologies.</p>	<p>6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>4.1 Key employability skills</p> <p>4.11 Adapt to the dynamics of change</p> <p>4.12 Adapt personal appearance and hygiene habits appropriate to the health care environment and industry expectations</p> <p>4.13 Practice personal integrity and honesty</p> <p>4.14 Evaluate work assignments and initiate action with confidence commensurate with work assignment</p> <p>4.15 Formulate solutions to problems using critical thinking skills independently and in teams</p> <p>4.16 Interact appropriately and respectfully with diverse ethnic, age, cultural, religious, economic groups in various employment and social situations</p> <p>4.17 Exhibit respectful and empathetic behavior when interacting with peers, superiors, subordinates, and customers in one on one and group situations</p> <p>4.18 Follow attendance policies of the employer or educational institution</p> <p>4.19 Accept responsibility for own actions</p> <p>4.20 Prepare for and complete an interview</p> <p>4.21 Accurately complete records/documents to support job applications</p> <p>4.22 Use a portfolio to demonstrate interest and competence</p> <p>4.23 Research availability of educational programs, financial requirements, and resources and complete an application process as appropriate for career goals</p>	4.11-4.19	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, tech others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
4.24 Identify the need for lifelong learning in a rapidly changing job market		Listening and Writing: Writing 1 2 3 4 5		

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<p>4.2 Interpersonal communication.</p> <p>4.21 Communicate in an understandable manner.</p> <p>4.22 Listen attentively to verbal instruction.</p> <p>4.23 Provide written communication that is accurate and grammatically correct, using nomenclature appropriate for environment.</p> <p>4.24 Interpret technical materials used for health care practice and procedures.</p>	ALL	<p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>5. Apply ethical and legal standards in planning, using, and evaluating technology.</p>

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<p>4.3 Personal growth and development</p> <p>4.31 Engage in continuous self-assessment and goals modification for personal and professional growth</p> <p>4.32 Manage time, prioritize responsibilities, and meet completion dates as specific by employer and client</p> <p>4.33 Show enthusiasm and commitment by meeting expectations and priorities of the organization</p> <p>4.34 Participation in project/activities for personal growth and development</p> <p>4.35 Estimate costs and prepare a detailed budget for school-based or work-based learning project</p> <p>4.36 Report the cost of various components of a budget and adjust budget items as needed</p> <p>4.37 Identify compensation practices; demonstrate effective financial management skills</p> <p>4.38 Identify, acquire, and use appropriate tools and processes to complete a task</p>	4.31-4.33	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>4.4 Career decision-making</p> <p>4.41 Explore a potential health science career path in at least one of the following health care services: diagnostic, therapeutic, information, or environmental</p> <p>4.42 Consider levels of education, credentialing requirements, employment opportunities, workplace environments, and career growth potential for a service area</p> <p>4.43 Identify entrepreneurial opportunities</p> <p>4.44 Compare and contrast differences between working for self vs. others and working in large vs. small organizations</p> <p>4.45 Compare and analyze experiences obtained in various work-based learning opportunities</p> <p>4.46 Interpret information from a variety of career assessments to identify career interests and abilities</p> <p>4.47 Review EDP annually and include a plan for continuing education and training and/or entering paid employment</p>	4.41-4.42	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>2. All students will acquire, organize, interpret, and evaluate information from career awareness and exploration activities, career assessment, and work-based experiences to identify and to pursue their career goals.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>5.1 Legal Implications</p> <p>5.11 Analyze legal responsibilities, limitations, and implications of actions</p> <p>5.12 Use problem-solving techniques when confronted with legal dilemmas or issues</p> <p>5.13 Compare and contrast behaviors and practices that could result in malpractice, liability, or negligence</p> <p>5.14 Comply with policies and requirements for documentations and record-keeping</p> <p>5.15 Comply with established risk management criteria and procedures</p> <p>5.16 Determine when an incident is reportable</p> <p>5.17 Comply with non-discriminatory laws</p> <p>5.18 Comply with institutional policy and procedures</p>		<p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p>	<p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>5. Apply ethical and legal standards in planning, using, and evaluating technology.</p> <p>6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.</p>

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5.2 Legal practices 5.21 Perform duties according to regulations 5.22 Maintain clients' rights according to the patients' Bill of Rights 5.23 Maintain confidentiality 5.24 Practice within licensure, certification, registration, and legislated scope of practice 5.25 Apply the doctrine of informed consent 5.26 Evaluate technological threats to confidentiality 5.27 Follow mandated standards for workplace safety, ie., OSHA, CDC, CLIA 5.28 Apply mandated standards for harassment, labor, and employment laws	ALL	Applied Technology 3 4 5 6 Listening and Writing: Listening 1 2 3 4 5 Locating Information 3 4 5 6 Observation 3 4 5 6 Reading for Information 3 4 5 6 7 Teamwork 3 4 5 6 Listening and Writing: Writing 1 2 3 4 5	4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results. 5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others. 7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.	2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information. 3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills. 5. Apply ethical and legal standards in planning, using, and evaluating technology. 6. Evaluate the societal and environmental impacts of technology and forecast alternative uses and possible consequences to make informed civic, social, and economic decisions.

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<p>6.1 legal and ethical boundaries</p> <p>6.11 Differentiate between morality and ethics and the relationship of each to health care outcomes</p> <p>6.12 Differentiate between ethical and legal issues impacting health care</p> <p>6.13 Contrast personal professional, and organization ethics</p> <p>6.14 Analyze legal and ethical aspects of confidentiality</p> <p>6.15 Discuss bio-ethical aspects of confidentiality</p> <p>6.16 Analyze and evaluate the implications of medical ethics</p> <p>6.17 Identify employer/employee rights and responsibility</p>	6.11-6.16	<p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p> <p>10. All students will integrate employability skills into behaviors, which prepare one for obtaining, maintaining, advancing, and changing employment.</p>	<p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>5. Apply ethical and legal standards in planning, using, and evaluating technology.</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>6.3 Cultural, social, and ethnic diversity</p> <p>6.31 Discuss the impact of religions and cultures on those giving health care</p> <p>6.32 Demonstrate respect of individual culture, social, and ethnic diversity within the health care environment</p>	ALL	<p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p>

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<p>7.1 Infection control</p> <p>7.11 Use standard precautions as describe in the rules and regulations set forth by OSHA</p> <p>7.12 Practice infection control procedures</p> <p>7.13 Practice appropriate cleaning, disinfecting, and sterilizing processes</p> <p>7.14 Contrast medical and surgical asepsis</p>	ALL	<p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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<p>7.2 Personal safety</p> <p>7.21 Apply safety procedures to protect clients, co-workers, and self</p> <p>7.22 Manage a personal exposure incident in compliance with OSHA regulations</p> <p>7.23 apply principals of body mechanics and ergonomics</p>		<p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing: Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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<p>7.3 Environmental safety</p> <p>7.31 Modify the environment to ensure safety of the worker and client</p> <p>7.32 Follow proper reporting procedures for incidents</p> <p>7.33 Demonstrate methods of fire prevention in the health care setting</p> <p>7.34 Prevent accidents by using proper safety techniques, including transferring and ambulating</p> <p>7.35 Practice good house keeping by maintaining a safe working environment</p> <p>7.36 Maintain inventory and storage of supplies</p>	7.33-7.35	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Listening and Writing:</p> <p>Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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<p>7.4 Common safety hazard</p> <p>7.41 Use material safety data sheets</p> <p>7.42 Adhere to labeling requirements</p> <p>7.43 Take appropriate action when observing a hazardous material problem</p> <p>7.44 Apply safety principals within given environments</p> <p>7.45 Handle hazardous chemicals commonly used in the health care environment in an appropriate manner</p>	ALL	<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Listening and Writing:</p> <p>Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>7.5 Emergency procedure and protocols</p> <p>7.51 Interpret the evaluation plan for the health care setting</p> <p>7.52 Construct on emergency plan for a health care setting in response to a natural disaster or other emergency</p> <p>7.53 Complete requirement for CPR</p> <p>7.54 Complete requirement for First Aid certification</p> <p>7.55 Follow the facility procedure when a fire is discovered</p>		<p>Applied Mathematics:</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Applied Technology</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p> <p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p> <p>4. Employ a systematic approach to technological solutions by using resources and processes to create, maintain, and improve products, systems, and environments</p>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>8.1 Health care teams</p> <p>8.11 Apply the team concept in providing quality patient care</p> <p>8.12 Analyze roles of various team participants</p> <p>8.13 Respond to given critical situations appropriately as a member of a team</p> <p>8.14 Accept compromise as necessary to ensure a best outcome</p>	ALL	<p>Listening and Writing: Listening</p> <p>1 2 3 4 5</p> <p>Locating Information</p> <p>3 4 5 6</p> <p>Observation</p> <p>3 4 5 6</p> <p>Reading for Information</p> <p>3 4 5 6 7</p> <p>Teamwork</p> <p>3 4 5 6</p> <p>Listening and Writing: Writing</p> <p>1 2 3 4 5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p><i>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</i></p> <p><i>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</i></p>	

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
<p>8.2 Team member participation</p> <p>8.21 Communicate verbally and non-verbally with team colleagues to assure a best results for the client</p> <p>8.22 Collaborate with others to formulate team objectives</p> <p>8.23 Act responsibly as a team member, completing assigned tasks in a timely and effective manner</p> <p>8.24 Actively listen to other team members</p> <p>8.25 Exercise leadership skills as appropriate</p> <p>8.26 Respect and value the expertise and contributions of all team members</p> <p>8.27 Work collaboratively with persons from diverse backgrounds to accomplish a common goal</p> <p>8.28 Apply corrective action to an acknowledge conflict situation</p> <p>8.29 Exhibit a strong sense of team identity and commitment to purpose</p>	ALL	<p>Applied Technology</p> <p>3 4 5 6</p> <p>Listening and Writing: Listening</p> <p>1 2 3 4 5</p> <p>Locating Information</p> <p>3 4 5 6</p> <p>Observation</p> <p>3 4 5 6</p> <p>Reading for Information</p> <p>3 4 5 6 7</p> <p>Teamwork</p> <p>3 4 5 6</p> <p>Listening and Writing: Writing</p> <p>1 2 3 4 5</p>	<p>1. All students will apply basic communication skills (reading, writing, speaking, and listening), apply scientific and social studies concepts, perform mathematical processes, and apply technology in work-related situations.</p> <p>5. All students will display personal qualities such as responsibility, self-management, self-confidence, ethical behavior, and respect for self and others.</p> <p>6. All students will identify organize, plan, and allocate resources (such as time, money, material, and human resources) efficiently and effectively.</p> <p>7. All students will work cooperatively with people of diverse backgrounds and abilities, identify with the group's goals and values, learn to exercise leadership, teach others new skills, serve clients or customers, and will contribute to a group process with ideas, suggestions, and efforts.</p> <p>8. All students will communicate ideas to support a position and negotiate to resolve divergent interests.</p>	<p>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</p>

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<p>9.1 Healthy behaviors</p> <p>9.11 Apply behaviors that promote health and wellness</p> <p>9.12 Advocate available preventive health screening and examinations</p> <p>9.13 Use practices that promote the prevention of disease and injury</p> <p>9.14 Demonstrate comfort measures, through appropriate positioning</p> <p>9.15 Demonstrate environmental comfort measures</p> <p>9.16 Use appropriate safety practices as related to high-risk behaviors</p> <p>9.17 Evaluate the validity of alternate health practices</p>	<p>9.11-9.13</p> <p>9.16-9.17</p>	<p>Listening and Writing:</p> <p>Listening</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>Locating Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Observation</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Reading for Information</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>Teamwork</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>Listening and Writing:</p> <p>Writing</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>	<p>4. All students will make decisions and solve problems by specifying goals, identifying resources and constraints, generating alternatives, considering impact, choosing appropriate alternatives, implementing plans of action and evaluating results.</p>	<p>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</p>

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9.2 Nutritional practices 9.21 Define the role of nutrition to promote and maintain health and wellness 9.22 apply current nutritional recommendations to maintain health and wellness 9.23 Identify sources and functions of nutrients	NONE	Applied Technology 3 4 5 6 Listening and Writing: Listening 1 2 3 4 5 Locating Information 3 4 5 6 Observation 3 4 5 6 Reading for Information 3 4 5 6 7 Teamwork 3 4 5 6 Listening and Writing: Writing 1 2 3 4 5		<i>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</i>

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Program Content Standards	National Standards for Program Area	Work Keys Skills Level	Michigan Career and Employability Skills Standards	Michigan Technology Content Standards
9.3 Health Assessment 9.31 Measure and record vital signs 9.32 Measure and record height and weight 9.33 Calculate and/or convert various health measurements	NONE	Applied Mathematics: 3 4 5 6 7 Applied Technology 3 4 5 6 Listening and Writing: Listening 1 2 3 4 5 Locating Information 3 4 5 6 Observation 3 4 5 6 Reading for Information 3 4 5 6 7 Teamwork 3 4 5 6	3. All student will demonstrate the ability to combine ideas or information in new ways, make connections between seemingly unrelated ideas, and organize and present information in formats such as symbols, pictures, schematics, charts, and graphs.	<i>1. Use and transfer technological knowledge and skills for life roles (family member, citizen, worker, consumer, lifelong learner)</i> <i>2. Use technologies to input, retrieve, organize manipulate, evaluate, and communicate information.</i> <i>3. Apply appropriate technologies to critical thinking, creative, expression, and decision-making skills.</i>

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		Listening and Writing: 1 2 3 4 5		